

| L Number | Hits   | Search Text   | DB  | Time stamp       |
|----------|--------|---|---|------------------|
| 9        | 3      | "6350526"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 17:58 |
| 10       | 155972 | ("(meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "(meth)acrylate") adj (resin or polymer or copolymer)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 18:23 |
| 11       | 5757   | hydroxyethylacrylate or hydroxyethylmethacrylate or hydroxypropylacrylate or hydroxypropylmethacrylate or "hydroxypropyl(meth)acrylate" or "hydroxyethyl(meth)acrylate" or ((hydroxyethyl or hydroxypropyl) adj (acrylate or methacrylate or "(meth)acrylate"))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 18:06 |
| 12       | 54017  | (crosslink\$3 or cur\$3) same (melamine or isocyanate or \$isocyanurate or polyisocyanate)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 18:10 |
| 13       | 91     | ((("meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "(meth)acrylate") adj (resin or polymer or copolymer)) and (hydroxyethylacrylate or hydroxyethylmethacrylate or hydroxypropylacrylate or hydroxypropylmethacrylate or "hydroxypropyl(meth)acrylate" or "hydroxyethyl(meth)acrylate" or ((hydroxyethyl or hydroxypropyl) adj (acrylate or methacrylate or "(meth)acrylate")))) and ((crosslink\$3 or cur\$3) same (melamine or isocyanate or \$isocyanurate or polyisocyanate))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 18:10 |
| 14       | 363351 | emulsifier or surfactant or surface adj active  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 18:10 |
| 15       | 9      | ((("meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "(meth)acrylate") adj (resin or polymer or copolymer)) and (hydroxyethylacrylate or hydroxyethylmethacrylate or hydroxypropylacrylate or hydroxypropylmethacrylate or "hydroxypropyl(meth)acrylate" or "hydroxyethyl(meth)acrylate" or ((hydroxyethyl or hydroxypropyl) adj (acrylate or methacrylate or "(meth)acrylate")))) and ((crosslink\$3 or cur\$3) same (melamine or isocyanate or \$isocyanurate or polyisocyanate))) and (emulsifier or surfactant or surface adj active) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 18:10 |
| 16       | 3806   | ("(meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "(meth)acrylate") with (acid adj value or "KOH/g")  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 19:15 |
| 17       | 2848   | (polyolefin or vinyl adj (polymer or copolymer)) near4 (silane or silicon or alkoxysilane or alkoxysilyl or silyl or trialkoxysilyl or organosilicon)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 18:59 |
| 18       | 24     | ((("meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "(meth)acrylate") with (acid adj value or "KOH/g")) and ((polyolefin or vinyl adj (polymer or copolymer)) near4 (silane or silicon or alkoxysilane or alkoxysilyl or silyl or trialkoxysilyl or organosilicon))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 18:39 |
| 19       | 8      | "5602204"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 18:56 |
| 20       | 28594  | emulsion adj polymerization   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 18:56 |
| 21       | 1      | ((polyolefin or vinyl adj (polymer or copolymer)) near4 (silane or silicon or alkoxysilane or alkoxysilyl or silyl or trialkoxysilyl or organosilicon)) same (emulsion adj polymerization)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 18:57 |

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| 22 | 129466 | (unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 18:58 |
| 23 | 6403   | (emulsion adj polymerization) same ((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 18:59 |
| 24 | 0      | ((emulsion adj polymerization) same ((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer)) same (silane or silicon or alkoxysilane or alkoxysilyl or silyl or trialkoxysilyl or organosilicon)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 19:18 |
| 25 | 138    | ((("meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "meth)acrylate") with (acid adj value or "KOH/g")) and ((emulsion adj polymerization) same ((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 19:12 |
| 26 | 8916   | vinyltrimethoxysilane divinyltrimethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 19:14 |
| 28 | 0      | ((("meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "meth)acrylate") with (acid adj value or "KOH/g")) and ((emulsion adj polymerization) same (vinyltrimethoxysilane divinyltrimethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane)))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 19:15 |
| 29 | 55     | ((("meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "meth)acrylate") with (acid adj value or "KOH/g")) and ((emulsion adj polymerization) same ((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer))) and (silane or silicon or alkoxysilane or alkoxysilyl or silyl or trialkoxysilyl or organosilicon)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 19:22 |
| 27 | 36     | (emulsion adj polymerization) same (vinyltrimethoxysilane divinyltrimethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:01 |
| 30 | 7      | "4980409"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:07 |
| 31 | 591    | ((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer) same (vinyltrimethoxysilane divinyltrimethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:08 |
| 32 | 81     | ((emulsion adj polymerization) same ((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer)) and (((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer) same (vinyltrimethoxysilane divinyltrimethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane)))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:08 |
| 33 | 66     | ((emulsion adj polymerization) same ((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer)) and (((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer) same (vinyltrimethoxysilane divinyltrimethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane))) not ((emulsion adj polymerization) same (vinyltrimethoxysilane divinyltrimethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane))) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:08 |

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| 34 | 9   | ((("meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "meth)acrylate") with (acid adj value or "KOH/g")) and (((emulsion adj polymerization) same ((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer)) and (((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer) same (vinyltrimethoxysilane divinylmethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane)))) not ((emulsion adj polymerization) same (vinyltrimethoxysilane divinylmethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane))))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:19 |
| 35 | 132 | (((("meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "meth)acrylate") adj (resin or polymer or copolymer)) and (hydroxyethylacrylate or hydroxyethylmethacrylate or hydroxypropylacrylate or hydroxypropylmethacrylate or "hydroxypropyl(meth)acrylate" or "hydroxyethyl(meth)acrylate" or ((hydroxyethyl or hydroxypropyl) adj (acrylate or methacrylate or "meth)acrylate")) and ((crosslink\$3 or cur\$3) same (melamine or isocyanate or \$isocyanurate or polyisocyanate))) and (emulsifier or surfactant or surface adj active)) or (((("meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "meth)acrylate") with (acid adj value or "KOH/g")) and ((polyolefin or vinyl adj (polymer or copolymer)) near4 (silane or silicon or alkoxysilane or alkoxysilyl or silyl or trialkoxysilyl or organosilicon))) or "5602204" or ((emulsion adj polymerization) same (vinyltrimethoxysilane divinylmethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane)))) or (((("meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "meth)acrylate") with (acid adj value or "KOH/g")) and ((emulsion adj polymerization) same ((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer))) and (silane or silicon or alkoxysilane or alkoxysilyl or silyl or trialkoxysilyl or organosilicon)) or "4980409" or (((("meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "meth)acrylate") with (acid adj value or "KOH/g")) and (((emulsion adj polymerization) same ((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer)) and (((unsaturated or ethylenic or vinyl\$2 or olefin\$2) near2 monomer) same (vinyltrimethoxysilane divinylmethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane)))) not ((emulsion adj polymerization) same (vinyltrimethoxysilane divinylmethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane)))) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:20 |
| 36 | 419 | (emulsion adj polymerization) same (core-shell or shell-core)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:20 |
| 37 | 12  | ((("meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "meth)acrylate") with (acid adj value or "KOH/g")) and ((emulsion adj polymerization) same (core-shell or shell-core))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:45 |
| 38 | 332 | 528/35.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:45 |
| 39 | 430 | 524/837.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:45 |

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| 40 | 3    | 528/35.ccls. and 524/837.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:46 |
| 41 | 1005 | 525/100.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:47 |
| 42 | 14   | 528/35.ccls. and 525/100.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:51 |
| 43 | 9732 | electrodeposit\$4 adj coating or electrocoat\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:52 |
| 44 | 416  | (emulsion adj polymerization) and (electrodeposit\$4 adj coating or electrocoat\$3)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:53 |
| 45 | 54   | (vinyltrimethoxysilane divinyltrimethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane)) and ((emulsion adj polymerization) and (electrodeposit\$4 adj coating or electrocoat\$3))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:53 |
| 46 | 52   | ((("meth)acrylic" or methacrylic or acrylic or acrylate or methacrylate or "(meth)acrylate") adj (resin or polymer or copolymer)) and ((vinyltrimethoxysilane divinyltrimethoxysilane vinyltriethoxysilane vinyl adj (trimethoxysilane or triethoxysilane) methacryloxypropyltrimethoxysilane methacryloxypropyltriethoxysilane methacryloxypropyl adj (trimethoxysilane or triethoxysilane)) and ((emulsion adj polymerization) and (electrodeposit\$4 adj coating or electrocoat\$3))) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/08/19 20:56 |